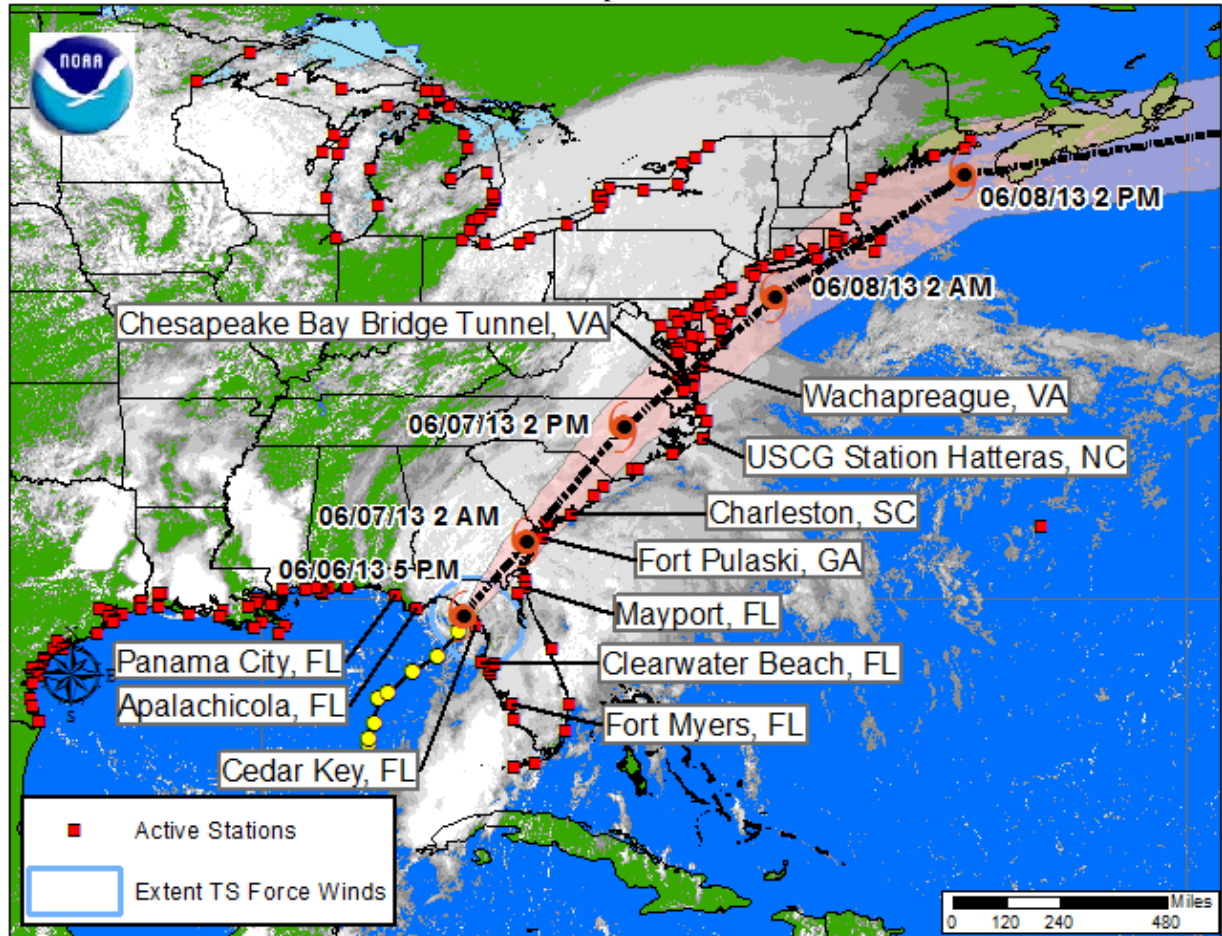


# Tropical Storm ANDREA QuickLook, POSTED 18:00 EDT 06/06/2013



Tropical Storm ANDREA QuickLook  
Posted: 18:00 EDT 06/06/2013

NOAA and NOAA Partnership Stations Relative to the Storm



## Storm Analysis

...ANDREA ABOUT TO MAKE LANDFALL OVER THE FLORIDA BIG BEND...

As of 06/06/2013 18:00 EDT, water levels along the Gulf Coast of Florida are elevated and they are slowly rising along the East Coast from northern Florida to Southern Virginia. Stations along the Gulf Coast of Florida range from 0.8 to 4.2 feet above tidal predictions. Please note that water levels across this region have already been elevated by about half a foot over the past week. Along the East Coast, water levels are up to 1.0 feet above tidal predictions. Winds are increased at Cedar Key, FL and Clearwater Beach, FL and were measuring 25-35 knots with higher gusts up to 44 knots. Barometric pressure is falling across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Tropical Storm ANDREA QuickLook, POSTED 18:00 EDT 06/06/2013

Fort Myers, FL: Next predicted high tides are 0.7 ft (0.23 m) at 06/07/2013 04:42 EDT and 1.5 ft (0.46 m) at 06/07/2013 15:18 EDT.

Clearwater Beach, FL: Next predicted high tides are 1.9 ft (0.57 m) at 06/07/2013 00:35 EDT and 3.0 ft (0.92 m) at 06/07/2013 10:59 EDT.

Cedar Key, FL: Next predicted high tides are 3.3 ft (0.99 m) at 06/07/2013 02:19 EDT and 4.1 ft (1.28 m) at 06/07/2013 13:21 EDT.

Apalachicola, FL: Next predicted high tides are 1.4 ft (0.42 m) at 06/07/2013 06:02 EDT and 1.7 ft (0.51 m) at 06/07/2013 14:25 EDT.

Panama City, FL: Next predicted high tides are 1.6 ft (0.48 m) at 06/07/2013 09:25 CDT and 1.6 ft (0.49 m) at 06/08/2013 10:01 CDT.

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 5.0 ft (1.51 m) at 06/06/2013 20:21 EDT and 4.0 ft (1.24 m) at 06/07/2013 08:37 EDT.

Fort Pulaski, GA: Next predicted high tides are 7.7 ft (2.33 m) at 06/06/2013 19:32 EDT and 6.4 ft (1.98 m) at 06/07/2013 07:57 EDT.

Charleston, SC: Next predicted high tides are 5.9 ft (1.80 m) at 06/06/2013 19:28 EDT and 4.8 ft (1.48 m) at 06/07/2013 07:48 EDT.

USCG Station Hatteras, NC: Next predicted high tides are 0.1 ft (0.04 m) at 06/06/2013 20:18 EDT and 0.1 ft (0.03 m) at 06/07/2013 08:27 EDT.

Chesapeake Bay Bridge Tunnel, VA: Next predicted high tides are 2.9 ft (0.89 m) at 06/06/2013 19:56 EDT and 2.3 ft (0.71 m) at 06/07/2013 08:19 EDT.

Wachapreague, VA: Next predicted high tides are 4.8 ft (1.46 m) at 06/06/2013 19:59 EDT and 3.8 ft (1.18 m) at 06/07/2013 08:10 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:KG

-----  
SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

BULLETIN

TROPICAL STORM ANDREA ADVISORY NUMBER 5

500 PM EDT THU JUN 06 2013

...ANDREA ABOUT TO MAKE LANDFALL OVER THE FLORIDA BIG BEND...

...RAINS AND WINDS TO SPREAD NORTHWARD ALONG THE SOUTHEASTERN U. S.

COAST TONIGHT AND FRIDAY...

#### WATCHES AND WARNINGS

-----

CHANGES WITH THIS ADVISORY...

THE TROPICAL STORM WARNING IS DISCONTINUED FOR THE FLORIDA PANHANDLE WEST OF THE OCHLOCKONEE RIVER.

#### SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- \* THE WEST COAST OF FLORIDA FROM BOCA GRANDE TO THE OCHLOCKONEE RIVER
- \* FLAGLER BEACH FLORIDA TO CAPE CHARLES LIGHT VIRGINIA
- \* PAMLICO AND ALBEMARLE SOUNDS
- \* LOWER CHESAPEAKE BAY SOUTH OF NEW POINT COMFORT

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS... PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

#### DISCUSSION AND 48-HOUR OUTLOOK

-----

AT 500 PM EDT...THE CENTER OF TROPICAL STORM ANDREA WAS LOCATED NEAR LATITUDE 29.5 NORTH...LONGITUDE 83.4 WEST. ANDREA IS MOVING TOWARD THE NORTHEAST NEAR 17 MPH...AND THIS MOTION IS EXPECTED TO CONTINUE WITH AN INCREASE IN FORWARD SPEED DURING THE NEXT 24 TO 48 HOURS. ON THE FORECAST TRACK...THE CENTER OF ANDREA WILL MAKE LANDFALL IN THE FLORIDA BIG BEND REGION SHORTLY. AFTER LANDFALL...ANDREA WILL MOVE NORTHEASTWARD NEAR THE EAST COAST OF THE UNITED STATES THROUGH SATURDAY.

REPORTS FROM AN AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT INDICATE THAT MAXIMUM SUSTAINED WINDS ARE NEAR 65 MPH...WITH HIGHER GUSTS. THE STORM SHOULD WEAKEN AFTER LANDFALL...AND ANDREA SHOULD LOSE ITS TROPICAL CHARACTERISTICS BY SATURDAY AS IT MOVES THROUGH THE EASTERN UNITED STATES.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES... FROM THE CENTER. THE NOAA AUTOMATED STATION AT CEDAR KEY FLORIDA RECENTLY REPORTED 10-MINUTE WINDS OF 41 MPH...AND A GUST OF 56 MPH.

THE LATEST MINIMUM CENTRAL PRESSURE REPORTED BY THE HURRICANE HUNTER

AIRCRAFT IS 993 MB...29.32 INCHES.

#### HAZARDS AFFECTING LAND

-----  
STORM SURGE...THE COMBINATION OF A STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING HEIGHTS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

TAMPA BAY NORTHWARD TO AUCILLA RIVER...2 TO 4 FT

FLORIDA WEST COAST SOUTH OF TAMPA BAY...1 TO 2 FT

FLAGLER BEACH NORTH TO CAPE CHARLES LIGHT...1 TO 2 FT

THE DEEPEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST NEAR AND TO THE SOUTH OF THE FLORIDA LANDFALL LOCATION. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE... AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA... PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...ANDREA IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 3 TO 6 INCHES OVER MUCH OF THE FLORIDA PENINSULA... EASTERN PARTS OF THE FLORIDA PANHANDLE... SOUTHEASTERN GEORGIA...AND EASTERN SOUTH CAROLINA... WITH ISOLATED MAXIMUM AMOUNTS OF 8 INCHES POSSIBLE. TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES ARE ALSO EXPECTED ALONG THE EASTERN SEABOARD FROM EASTERN NORTH CAROLINA THROUGH DOWNEAST MAINE.

WIND...TROPICAL STORM CONDITIONS ARE OCCURRING ALONG PORTIONS OF THE WEST COAST OF THE FLORIDA PENINSULA. THESE CONDITIONS WILL GRADUALLY SPREAD NORTHEASTWARD ALONG THE UNITED STATES EAST COAST DURING THE NEXT 24 TO 36 HOURS.

TORNADOES...A FEW TORNADOES ARE POSSIBLE TONIGHT OVER THE FLORIDA PENINSULA AND IN THE COASTAL PORTIONS OF GEORGIA...SOUTH CAROLINA...AND NORTH CAROLINA.

\$\$

FORECASTER BEVEN

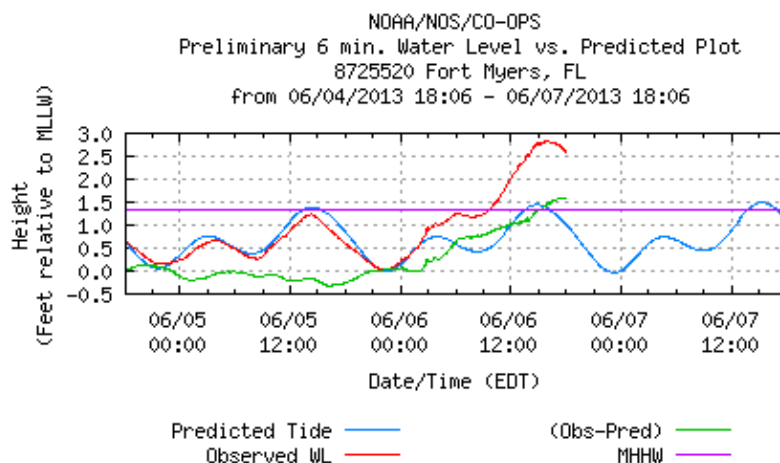
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Barometric](#), [Apalachicola -](#)

Tropical Storm ANDREA QuickLook, POSTED 18:00 EDT 06/06/2013

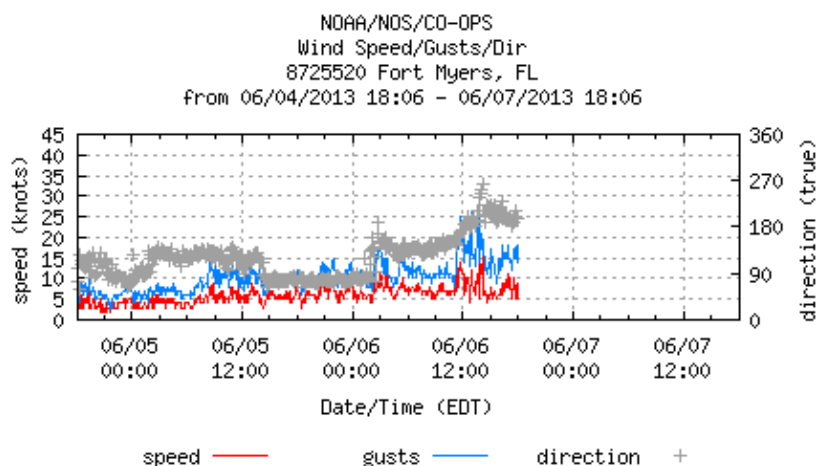
Winds, Panama City - Water Level, Panama City - Winds, Panama City - Barometric, Mayport (Bar Pilots Dock) - Water Level, Mayport (Bar Pilots Dock) - Winds, Mayport (Bar Pilots Dock) - Barometric, Fort Pulaski - Water Level, Fort Pulaski - Winds, Fort Pulaski - Barometric, Charleston - Water Level, Charleston - Winds, Charleston - Barometric, USCG Station Hatteras - Water Level, USCG Station Hatteras - Winds, USCG Station Hatteras - Barometric, Chesapeake Bay Bridge Tunnel - Water Level, Chesapeake Bay Bridge Tunnel - Winds, Chesapeake Bay Bridge Tunnel - Barometric, Chesapeake Bay Bridge Tunnel - Air/Water Temp, Wachapreague - Water Level, Wachapreague - Winds, Wachapreague - Barometric, Wachapreague - Air/Water Temp

Fort Myers, FL - Return to List



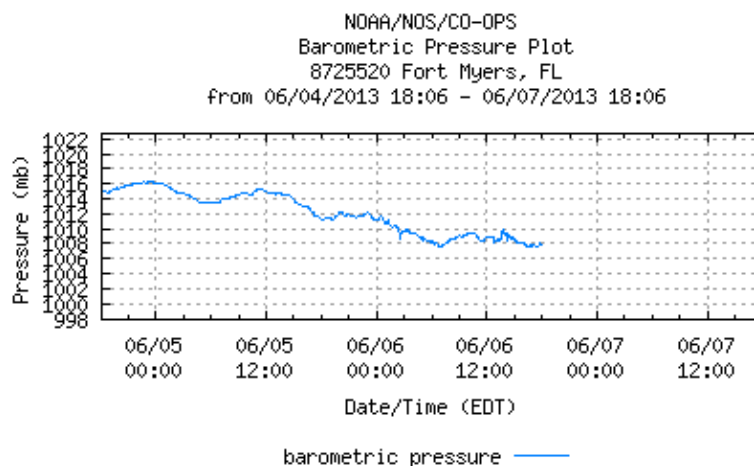
Last Observed Sample: 06/06/2013 18:00 (EDT)  
Relative to MLLW: **Observed: 2.60 ft.** **Predicted: 1.01 ft.** **Residual: 1.59 ft.**  
Historical Maximum Water Level: Nov 23 1988, 4.72 ft. above MLLW

Fort Myers, FL - Return to List



Last Observed Sample: 06/06/2013 18:00 (EDT)  
**Wind Speed: 5 knots** **Gusts: 14 knots** Direction: 195° T

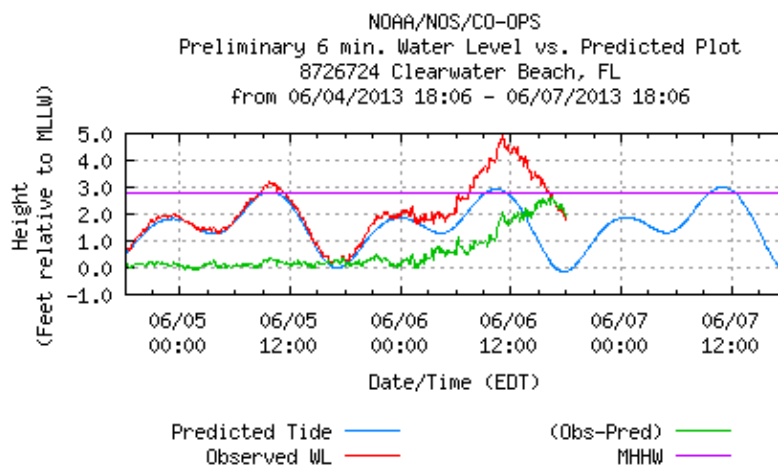
Fort Myers, FL - Return to List



Last Observed Sample: 06/06/2013 18:00 (EDT)

Barometric Pressure: 1007.9 mb

Clearwater Beach, FL - Return to List

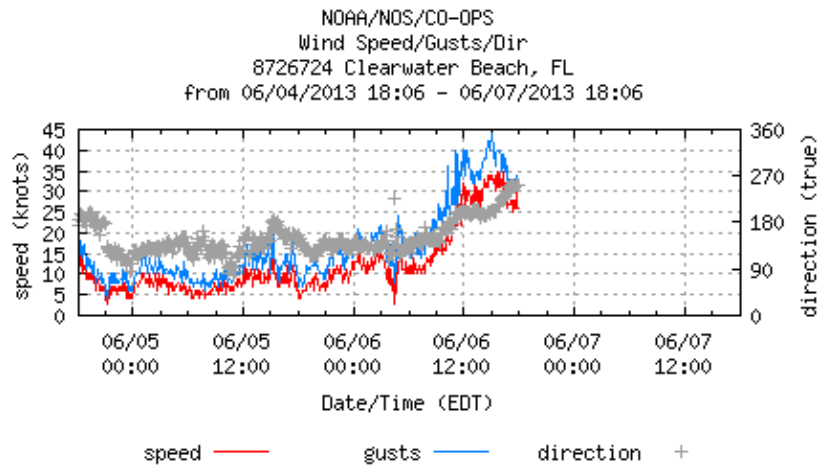


Last Observed Sample: 06/06/2013 17:54 (EDT)

Relative to MLLW: **Observed: 1.78 ft.** **Predicted: -0.14 ft.** **Residual: 1.92 ft.**

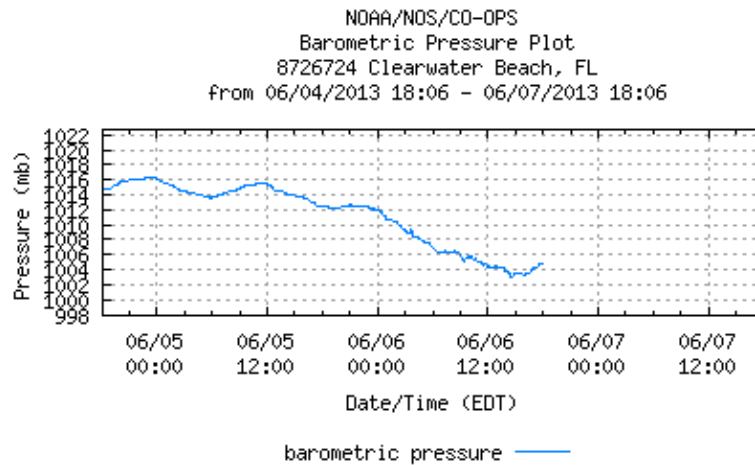
Historical Maximum Water Level: Mar 13 1993, 6.76 ft. above MLLW

Clearwater Beach, FL - Return to List



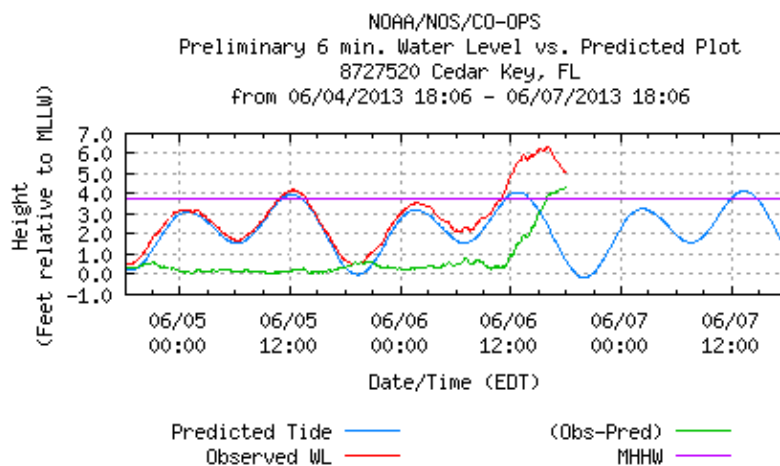
Last Observed Sample: 06/06/2013 17:54 (EDT)  
Wind Speed: 26 knots Gusts: 32 knots Direction: 253° T

Clearwater Beach, FL - Return to List



Last Observed Sample: 06/06/2013 17:54 (EDT)  
Barometric Pressure: 1004.9 mb

Cedar Key, FL - Return to List

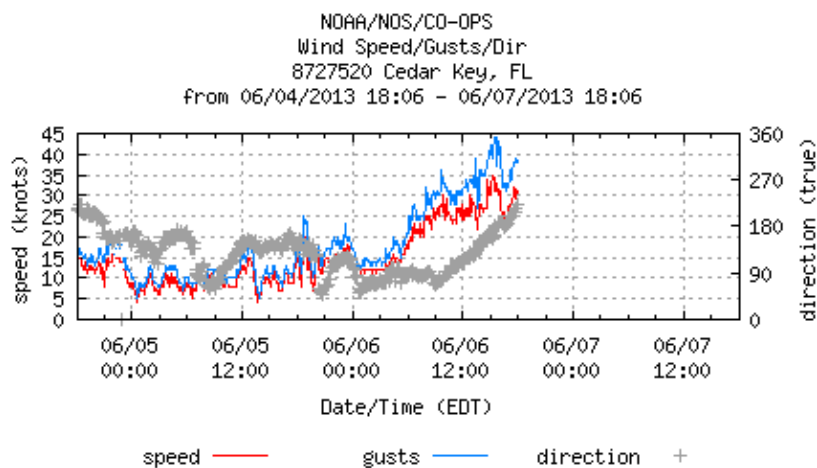


Last Observed Sample: 06/06/2013 17:54 (EDT)

Relative to MLLW: **Observed: 5.05 ft.** **Predicted: 0.75 ft.** **Residual: 4.30 ft.**

Historical Maximum Water Level: Oct 7 1996, 8.95 ft. above MLLW

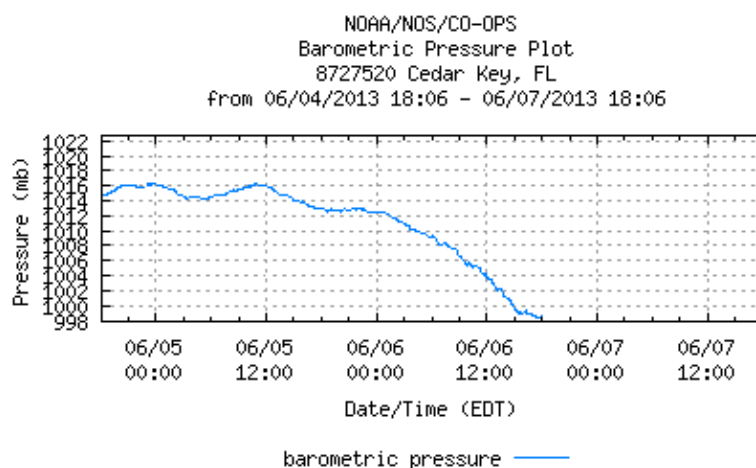
Cedar Key, FL - Return to List



Last Observed Sample: 06/06/2013 17:54 (EDT)

**Wind Speed: 31 knots** **Gusts: 38 knots** **Direction: 223° T**

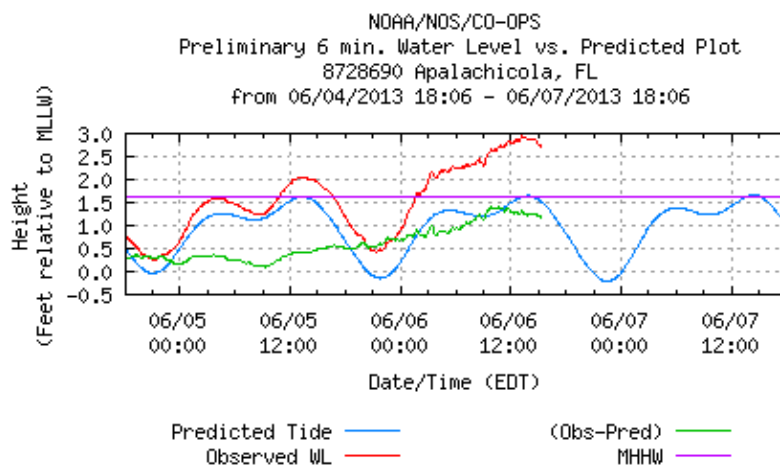
Cedar Key, FL - Return to List



Last Observed Sample: 06/06/2013 17:54 (EDT)

Barometric Pressure: 998.6 mb

Apalachicola, FL - Return to List

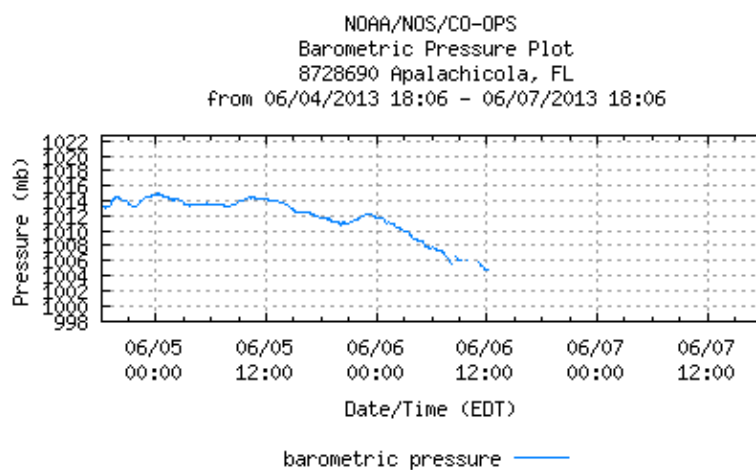


Last Observed Sample: 06/06/2013 15:18 (EDT)

Relative to MLLW: **Observed: 2.69 ft.** **Predicted: 1.52 ft.** **Residual: 1.17 ft.**

Historical Maximum Water Level: Jul 10 2005, 8.04 ft. above MLLW

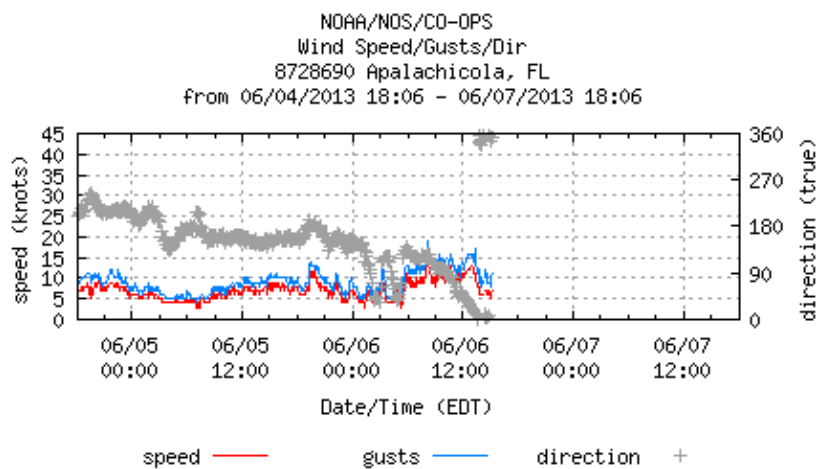
Apalachicola, FL - Return to List



Last Observed Sample: 06/06/2013 15:18 (EDT)

Barometric Pressure: 1004.7 mb

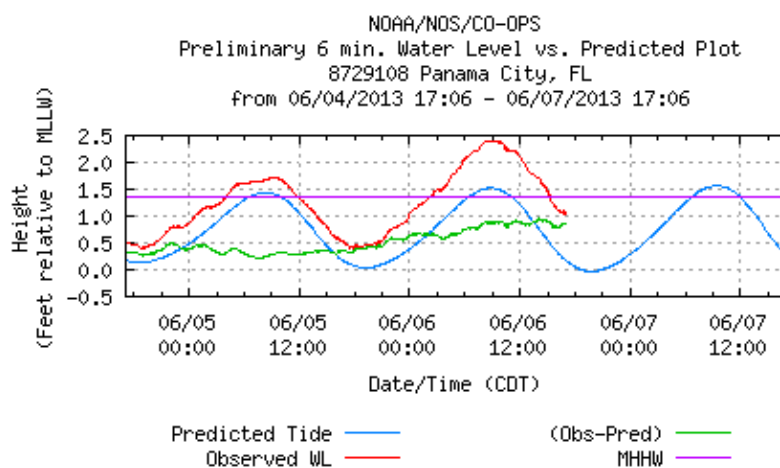
Apalachicola, FL - Return to List



Last Observed Sample: 06/06/2013 15:18 (EDT)

Wind Speed: 7 knots Gusts: 11 knots Direction: 351° T

Panama City, FL - Return to List

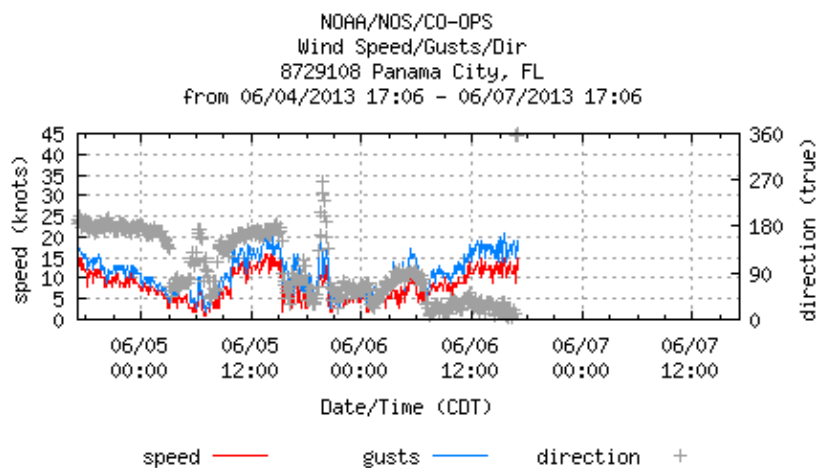


Last Observed Sample: 06/06/2013 17:00 (CDT)

Relative to MLLW: **Observed: 1.03 ft.** **Predicted: 0.17 ft.** **Residual: 0.86 ft.**

Historical Maximum Water Level: Oct 4 1995, 7.06 ft. above MLLW

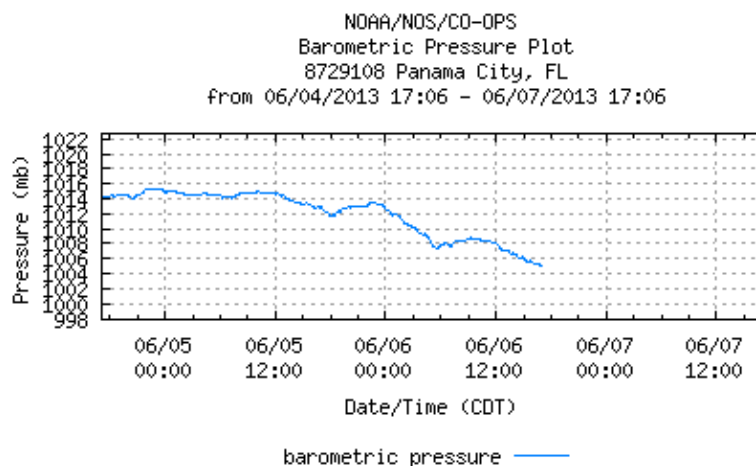
Panama City, FL - Return to List



Last Observed Sample: 06/06/2013 17:00 (CDT)

**Wind Speed: 12 knots** **Gusts: 19 knots** **Direction: 360° T**

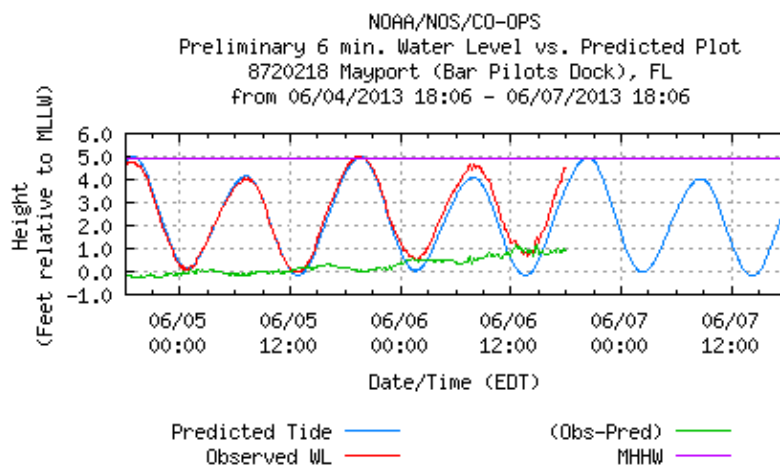
Panama City, FL - Return to List



Last Observed Sample: 06/06/2013 17:00 (CDT)

Barometric Pressure: 1005.1 mb

Mayport (Bar Pilots Dock), FL - Return to List

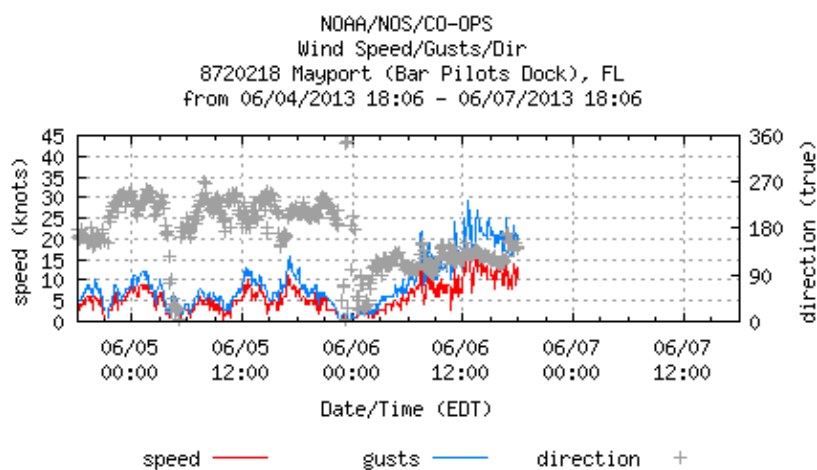


Last Observed Sample: 06/06/2013 18:00 (EDT)

Relative to MLLW: **Observed: 4.59 ft.** **Predicted: 3.65 ft.** **Residual: 0.94 ft.**

Historical Maximum Water Level: Sep 27 2004, 7.42 ft. above MLLW

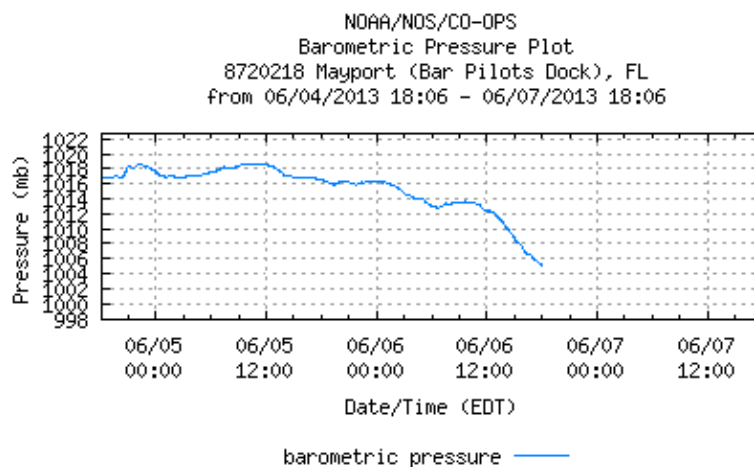
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 06/06/2013 18:00 (EDT)

Wind Speed: 13 knots Gusts: 21 knots Direction: 141° T

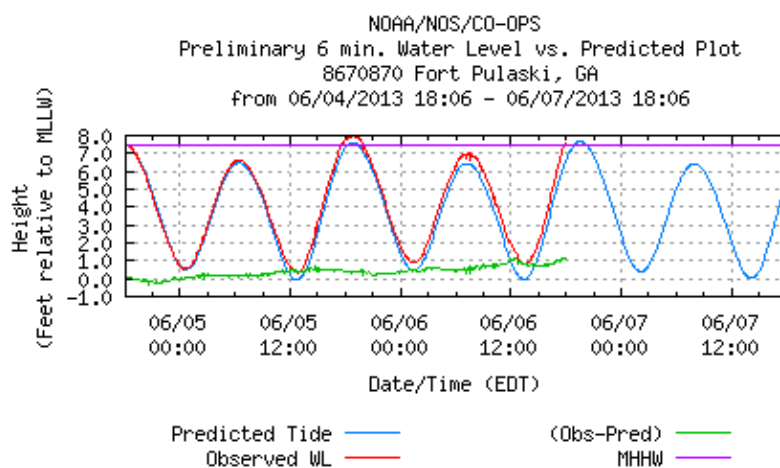
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 06/06/2013 18:00 (EDT)

Barometric Pressure: 1005.0 mb

Fort Pulaski, GA - Return to List

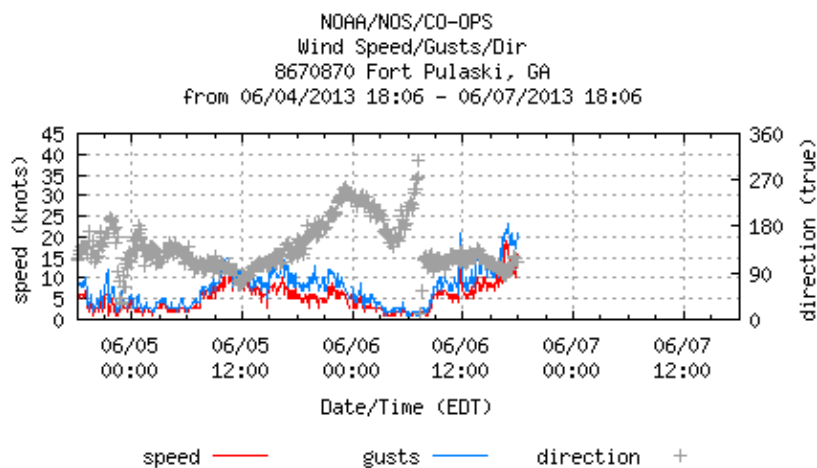


Last Observed Sample: 06/06/2013 17:54 (EDT)

Relative to MLLW: **Observed: 7.60 ft.** **Predicted: 6.49 ft.** **Residual: 1.11 ft.**

Historical Maximum Water Level: Oct 15 1947, 10.90 ft. above MLLW

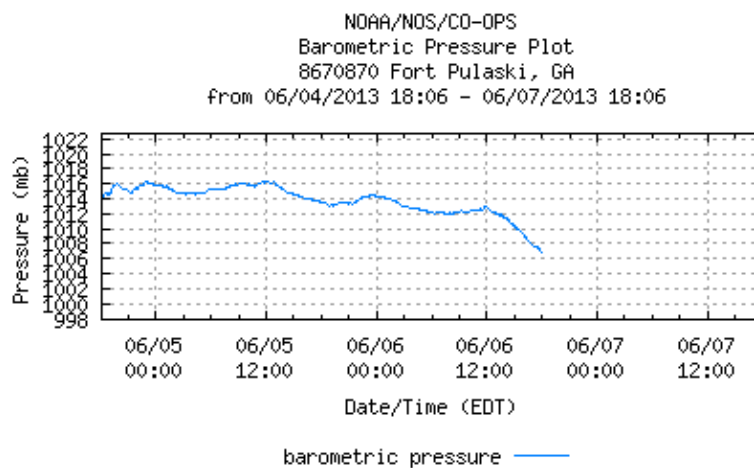
Fort Pulaski, GA - Return to List



Last Observed Sample: 06/06/2013 17:54 (EDT)

**Wind Speed: 16 knots** **Gusts: 21 knots** **Direction: 111° T**

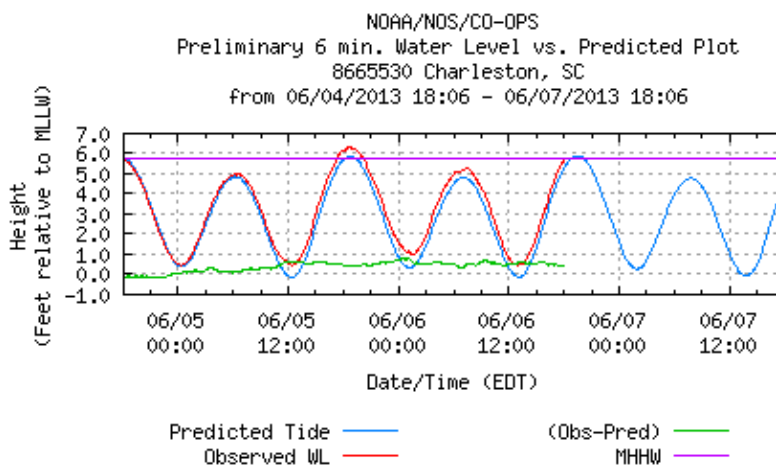
Fort Pulaski, GA - Return to List



Last Observed Sample: 06/06/2013 17:54 (EDT)

Barometric Pressure: 1006.8 mb

Charleston, SC - Return to List

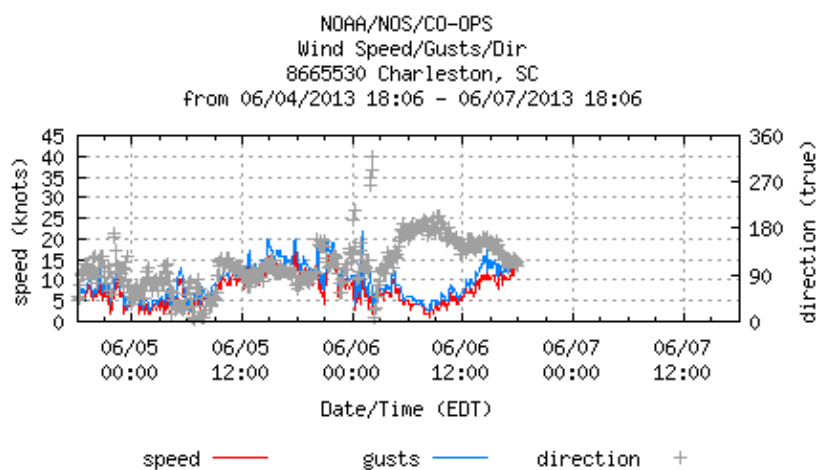


Last Observed Sample: 06/06/2013 18:00 (EDT)

Relative to MLLW: **Observed: 5.72 ft.** **Predicted: 5.29 ft.** **Residual: 0.43 ft.**

Historical Maximum Water Level: Sep 21 1989, 12.52 ft. above MLLW

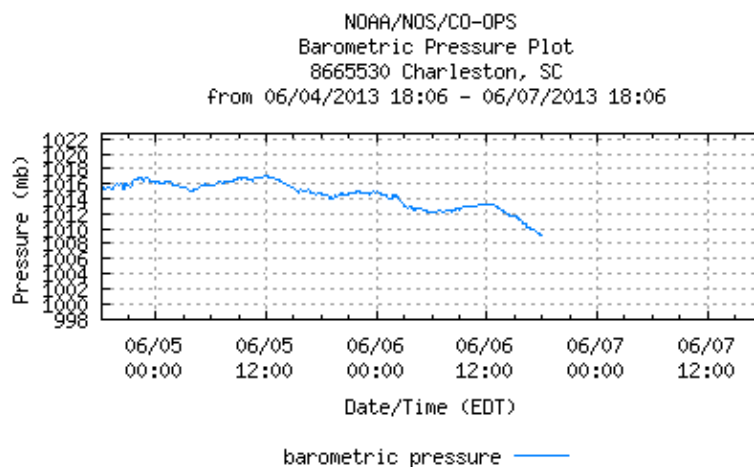
Charleston, SC - Return to List



Last Observed Sample: 06/06/2013 18:00 (EDT)

Wind Speed: 13 knots Gusts: 14 knots Direction: 108° T

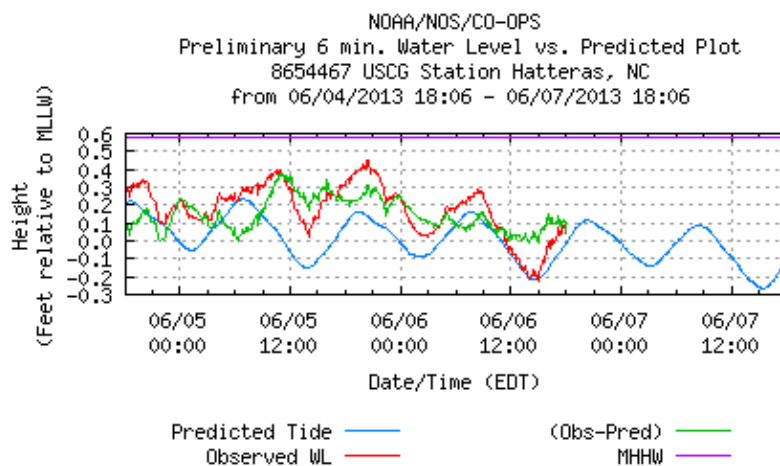
Charleston, SC - Return to List



Last Observed Sample: 06/06/2013 18:00 (EDT)

Barometric Pressure: 1009.1 mb

USCG Station Hatteras, NC - Return to List

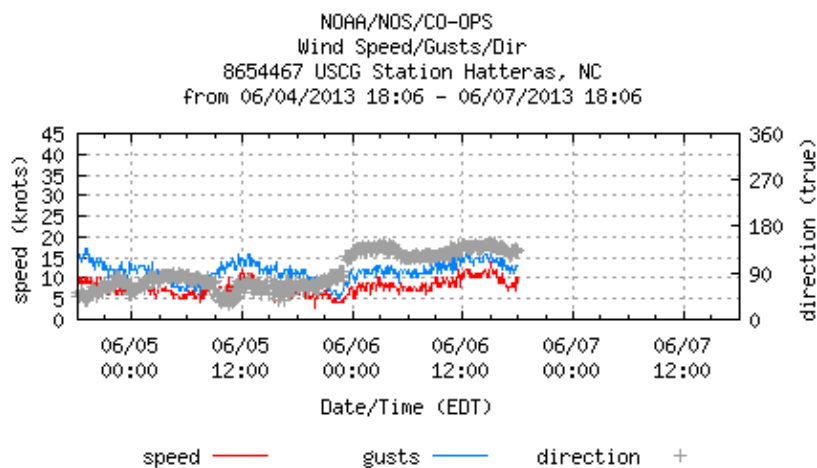


Last Observed Sample: 06/06/2013 18:00 (EDT)

Relative to MLLW: **Observed: 0.04 ft.** **Predicted: -0.01 ft.** **Residual: 0.05 ft.**

Historical Maximum Water Level: Oct 29 2012, 4.73 ft. above MLLW

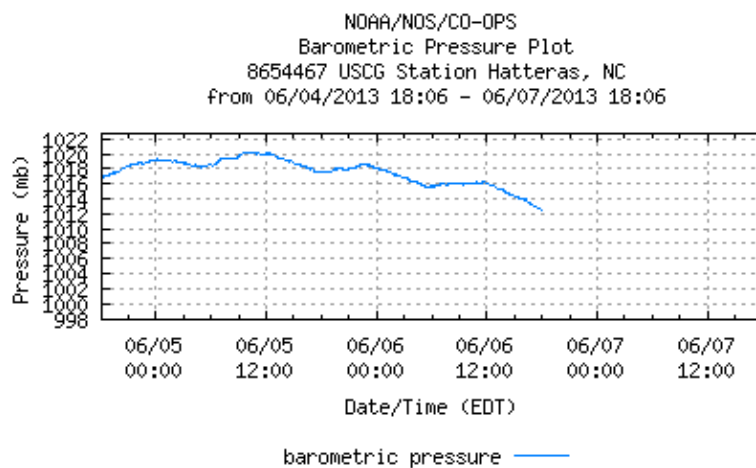
USCG Station Hatteras, NC - Return to List



Last Observed Sample: 06/06/2013 18:00 (EDT)

**Wind Speed: 10 knots** **Gusts: 13 knots** **Direction: 132° T**

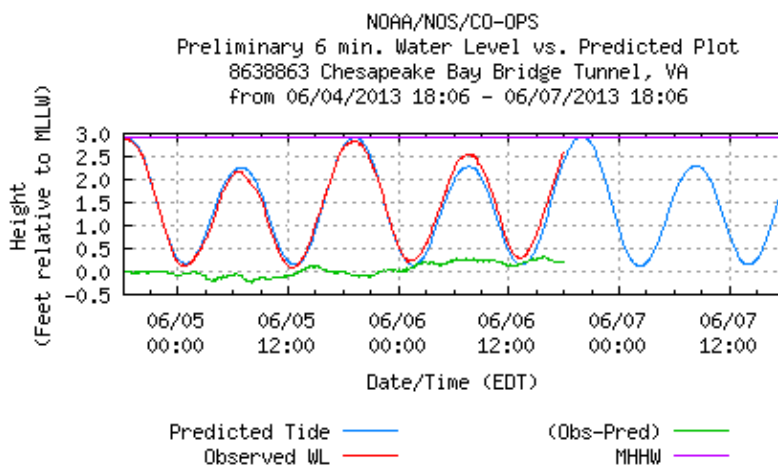
USCG Station Hatteras, NC - Return to List



Last Observed Sample: 06/06/2013 18:00 (EDT)

Barometric Pressure: 1012.5 mb

Chesapeake Bay Bridge Tunnel, VA - Return to List

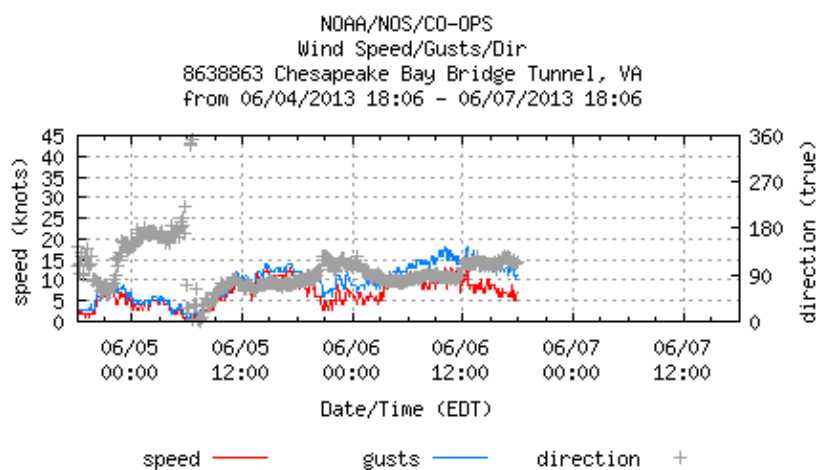


Last Observed Sample: 06/06/2013 17:54 (EDT)

Relative to MLLW: **Observed: 2.58 ft.** **Predicted: 2.36 ft.** **Residual: 0.22 ft.**

Historical Maximum Water Level: Nov 12 2009, 7.56 ft. above MLLW

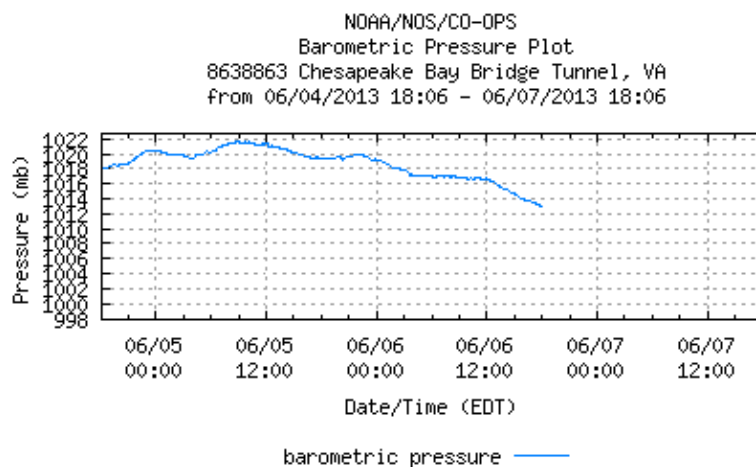
Chesapeake Bay Bridge Tunnel, VA - Return to List



Last Observed Sample: 06/06/2013 17:54 (EDT)

Wind Speed: 7 knots Gusts: 11 knots Direction: 116° T

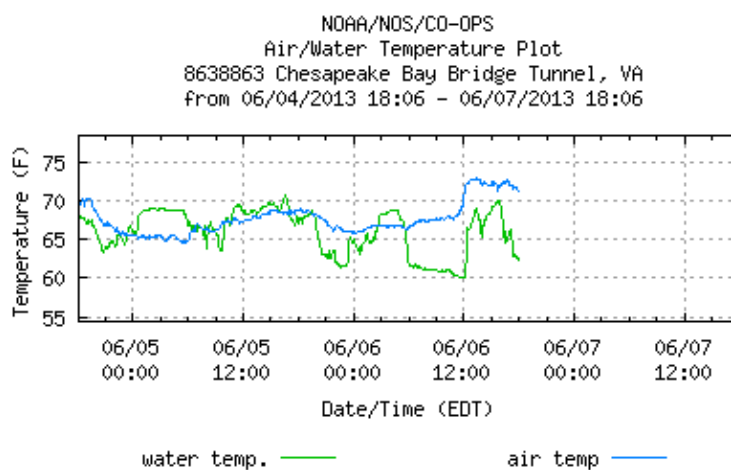
Chesapeake Bay Bridge Tunnel, VA - Return to List



Last Observed Sample: 06/06/2013 17:54 (EDT)

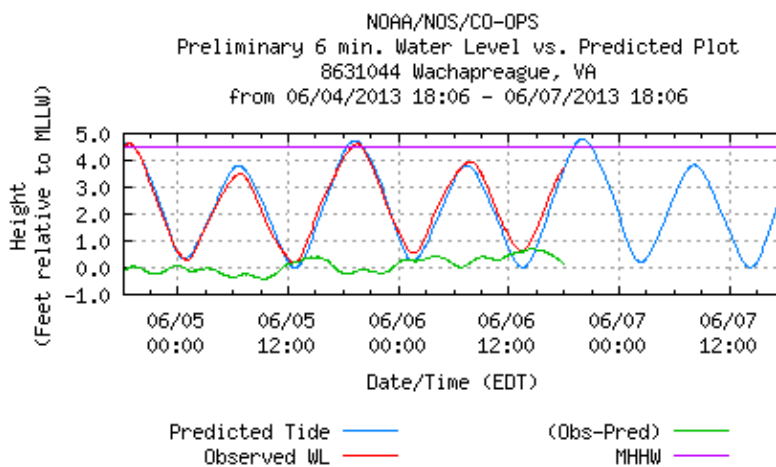
Barometric Pressure: 1013.0 mb

Chesapeake Bay Bridge Tunnel, VA - Return to List



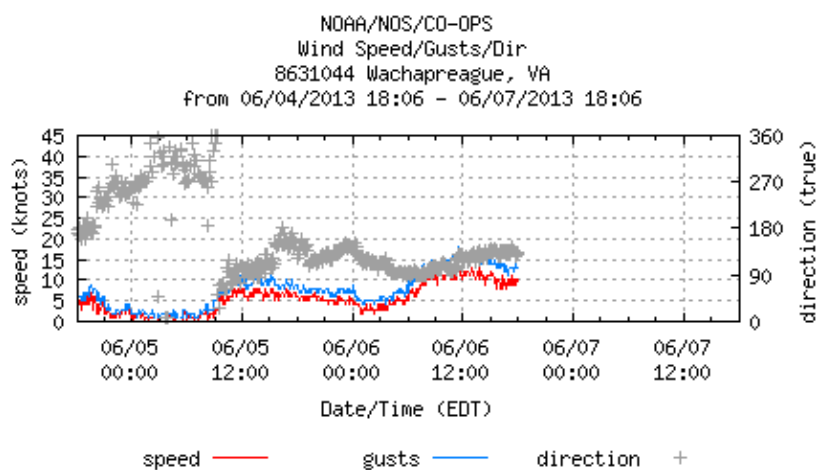
Last Observed Sample: 06/06/2013 17:54 (EDT)  
Water Temperature: 62.4° F Air Temperature: 71.4° F

Wachapreague, VA - Return to List



Last Observed Sample: 06/06/2013 18:00 (EDT)  
Relative to MLLW: Observed: 3.74 ft. Predicted: 3.57 ft. Residual: 0.17 ft.  
Historical Maximum Water Level: Feb 5 1998, 8.92 ft. above MLLW

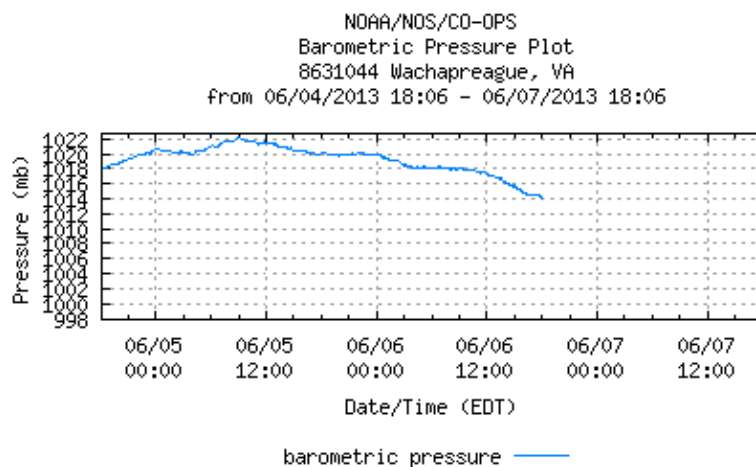
Wachapreague, VA - Return to List



Last Observed Sample: 06/06/2013 18:00 (EDT)

Wind Speed: 10 knots Gusts: 13 knots Direction: 130° T

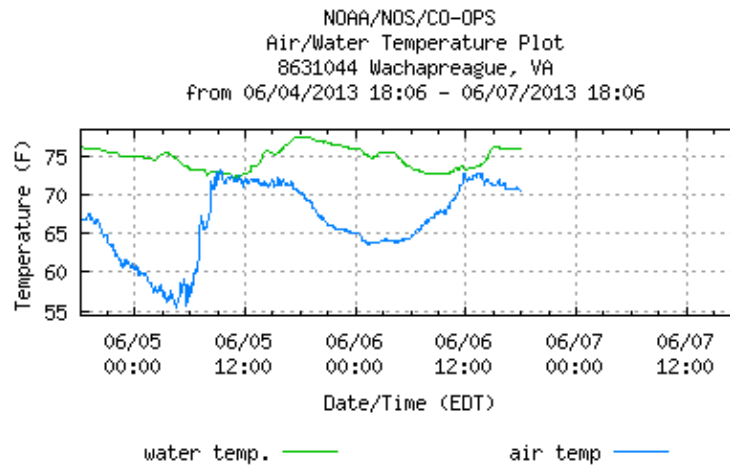
Wachapreague, VA - Return to List



Last Observed Sample: 06/06/2013 18:00 (EDT)

Barometric Pressure: 1014.1 mb

Wachapreague, VA - Return to List



Last Observed Sample: 06/06/2013 18:00 (EDT)

Water Temperature: 75.9° F Air Temperature: 70.5° F

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce